

**GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:319
ANSWERED ON:16.07.2002
DEVELOPMENT OF PATENTS BY CSIR
SURESH RAMRAO JADHAV (PATIL)

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether laboratories under CSIR developed any patents ;
- (b) if so, details of patents developed laboratory-wise and year-wise during the last three years ;
- (c) whether any of this developed patents have been marketed till date; and
- (d) if so, the revenue earned by CSIR through marketing of these patents during the last three years ?

Answer

MINISTER OF HUMAN RESOURCE DEVELOPMENT, MINISTER OF SCIENCE AND TECHNOLOGY AND MINISTER OF DEVELOPMENT (DR. MURLI MANOHAR JOSHI)

(a),(b),(c)&(d) : Council of Scientific and Industrial Research(CSIR) and its laboratories file the highest number of patents in India and also the highest number of patents abroad by any Indian entity . The details are as per Annexure-I and Annexure - II.It takes upto around 7 years for a patent application to be processed in India and about 1 to 3 years abroad, after the date of its filing, depending on the country. Also over 7% of the CSIR patents are utilized as against the global average of less than 5%. Patents are only a small, albeit an important component of technological knowhow and knowledge. Patents are thus marketed as a component of the overall technology/ knowhow package and no separate value is assigned in the package to the patents per se.

Annexure - I

CSIR PATENTS FILED AND GRANTED IN INDIA

1999-2000 2000-2001 2001-2002

Filed Granted Filed Granted Filed Granted

CBRI	5	0	4	2	2	1
CBT	6	1	1	1	4	9
CCMB	0	0	0	0	0	1
CDRI	16	13	10	10	17	18
CECRI	6	8	13	8	9	34
CEERI	1	3	2	1	3	7
CFRI	1	0	7	1	8	4
CFTRI	55	6	61	2	100	8
CGCRI	20	3	25	2	30	5
CIMAP	30	4	10	1	11	20
CLRI	10	4	14	3	10	5
CMERI	2	0	5	2	2	1
CMRI	2	0	6	0	6	8
CRRI	0	1	0	0	0	0
CSIO	1	1	0	0	0	1
CSIR(SCH)	7	0	10	0	19	1
CSMCRI	3	3	6	1	4	1
IHBT	0	0	5	0	3	0
IICB	5	2	2	2	1	12
IICT	46	8	40	11	44	21
IIP	7	3	12	1	9	7
IMT	2	3	0	1	2	4
ITRC	4	0	3	2	2	3
MERADO(P)	0	0	0	0	0	1
NAL	6	1	6	0	3	2
NBRI	1	0	3	0	2	0
NCL	65	23	92	32	43	90

NEERI	10	0	0	0	4	1
NGRI	0	0	0	0	0	0
NIO	11	1	1	0	2	1
NML	3	1	7	7	10	23
NPL	8	2	5	2	9	4
RRL(BH)	1	2	10	2	17	11
RRL(BP)	3	1	1	3	7	2
RRL(J)	24	8	17	8	10	9
RRL(JT)	8	4	20	9	8	21
RRL(T)	8	6	12	3	6	5
SERC(G)	0	0	0	0	0	0
SERC(M)	0	0	0	0	3	0

TOTAL 377 112 410 117 410 341

Annexure - II

CSIR PATENTS FILED AND GRANTED ABROAD

1999-2000 2000-2001 2001-2002

Filed Granted Filed Granted Filed Granted

CBRI	0	0	0	0	0	0
CBT	7	2	10	1	22	1
CCMB	0	0	24	1	4	0
CDRI	16	0	8	6	27	6
CECRI	0	0	3	2	2	0
CEERI	1	0	0	0	0	1
CFRI	1	0	4	0	10	0
CFTRI	2	0	26	1	60	2
CGCRI	3	0	3	1	8	3
CIMAP	68	1	38	7	31	25
CLRI	3	3	10	0	0	2
CMRI	1	0	0	1	0	0
CSIO	0	0	4	0	12	0
CSIR(SCH)	3	0	6	0	23	1
CSMCRI	0	0	5	0	30	0
IHBT	0	1	63	1	36	0
IICB	3	1	18	0	9	5
IICT	32	6	72	4	92	17
IIP	0	3	16	1	0	0
IMT	3	0	6	1	11	0
NAL	0	0	1	0	0	0
NBRI	3	0	13	0	10	1
NCL	18	12	63	16	43	16
NEERI	0	2	0	4	1	0
NGRI	0	0	0	0	5	0
NIO	6	0	27	0	29	0
NML	0	0	0	0	20	0
NPL	7	0	8	3	20	3
RRL(BHU)	1	0	0	0	3	0
RRL(BP)	1	0	0	0	0	0
RRL(J)	0	0	0	0	48	1
RRL(JT)	0	2	1	4	4	0
RRL(T)	20	2	23	2	20	2

TOTAL 199 35 452 56 580 86